


By Prof. W. F. MASSEY



Mr. J. C. Jones

W. F. Massey.—Is more risk of their dying, and you will, if they live, have to accept the tall trunk the tree has to grow. The tree that you want will after a while have a tree so tall that it is hard to spray and hard to gather fruit from, and a tree that in most cases will be blown into a ruin by a storm. The tree that you want in other hands if you plant one-year trees, you get them for less money; they are more apt to live and grow thriftily, since the transplanting is not so hard. The rock you saw in the tree had remained three years in the nursery. Then, the tree will be a mere switch, with live buds on its whole length. The tree that you want will start the head near the ground where it should be, and will have a tree when grown that will be easy to spray and easy to gather fruit from. The severe pruning of the tree that you want may throw it into fruiting sooner, but the one-year tree will generally make the most thrifty growth and be a better tree when it does come into bearing.

27 Have a fine Scuppernon vine twenty-five years old. It did not begin to bear fruit till about five years ago, and now when the fruit is harvested it drops off. Can you tell me how I can have it stay on and wait a long time, and find out what is ailing your vine. You might have had it fruiting and shining many years ago if you had planted a male or barren Muscadine beside it. The only difficult thing in growing a muscadine is to make pollen enough to set its own fruit. In a wild, barren Muscadine from the roadside, and when it blooms it will set the fruit of the Scuppernon. Out in the country where there are in the back yard a few grapes, along the road the Scuppernon will set and in town it is difficult to get fruit on it unless you have the wild vine.

Winfield County: "I have a piece of land in the middle of a field, where the corn grows very well. It gets about knee high, turns yellow, and has had peas on the land last year and they did like the corn. The land has a good depth of soil, and has been broken three times with a three-horse team. The corn thrives very well. Had crimson clover on the field and the corn was worse than ever on that piece. Field is all high, with some bottoms in it. This piece is twenty-two acres from a ditch. It would be better if it was near a main creek. You want silts that land. It would be that lack of drainage is the most probable cause of the failure of the corn. You do not say what you have used on it in the way of manure or fertilizer. The soil is probably that you will find good underground water the best thing for it, and then get burins into the soil through peas and clover. If the soil is acid, lime should be applied. You can ascertain its condition by this simple test: Using the blue litmus paper test to find the blue described.

Northumberland County. I have seventy-five trees of early apple set about twenty-five years ago. In some blocks, I have as many as fifty trees of apples, which bear every year. The early tree bloom full every year, but fail to set fruit. Trees are healthy, and I spray, whitewash trunks, use various fertilizers and even drain the soil in some places. In fact, I do everything I can to keep them healthy. About fifty to two barrels of apples is a yearly average. Trees were set 20x30 feet, and the shade is so dense that grass will not grow under them. I keep them well pruned all the time. There has been a cedar tree in each block on each side of the orchard. I have cut down one side. The trees are about 200 yards away. Will cedars do harm that distance? Do you think liming the land would help? I am very much interested in your article. The Times Dispatch I read every line. One thing is evident. The trees are too much crowded. Then, if they grow rapidly, it may be that a check will throw them into fruiting. Plow the ground and remove the roots. They will be cut. Lime will do no harm, but not much good. If the foliage is clean and healthy, the cedars are not doing any harm. Cedar just would show in the lightning of the leaves. Still, I would rather have all cedar trees removed. The orchard part of my apple orchard, I believe that a good deep plowing will do more good than anything else. Trees of the same variety, planted in a block will often fail to set their own fruit. It is better to have a few trees of each variety near each other to make sure of setting pollen. Lack of air and sunshine also injures your trees.

I wish to station some cattle on my place, and I am sure you will be able to furnish them while I furnish the feed of corn silage, clover hay, pea hay and, in season, pasture, not buying any other feed. Start them this fall and carry them through the winter and next summer turn them over to the party whom you select. They will be in the best agreement for both parties. There are good feeders and poor ones, and one kind will eat the forage and make little gain. I would weigh the cattle when started, and weigh them again when they are turned over. The gain will show me and what they have gained will show you. The party who has been worth, and the party owning the steers should pay a fair price for the increase. But it would be far better to buy good feeders and put them on the market in the spring. An ad-

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[Special to The Times-Dispatch.]
Lynchburg, Va., October 3.—With yesterday's card carried over by reason of rain, eight events failed to attract a crowd at the closing day of the Interstate Fair. The events were fairly enjoyable, the harness events being won in straight heats. Summary of

First race, 2:17, trotting; purse \$400:
Fair Weather, b. g. (Tyson)... 1 1 1
McBrow, b. s. (Kelly)..... 2 2 3
Southern Star, b. g. (Bass).... 3 3 2
DeSoto, b. g. (Tabb)..... 4 4 4
Time, 2:27, 2:24, 2:29 1-2.

Second race, tree-foe-all trot or pace;
David, b. g. (Tyson)..... 1 1
Nellie Gentry, b. m. (Moran)..... 2 2
George Knight, b. m. (Mety)..... 3 3
Lucile Brooks, b. m. (Tabb)..... 4 4
Time, 2:17.7, 2:18.4, 2:18.5
Third race, \$250 trot or purse, \$400;
Dr. Peter, b. s. (Patterson)..... 1 1
Sadie Fenn, b. m. (Tyson)..... 2 2
Peter Martin, b. g. (Tyson)..... 3 3
Archie Prince, b. s. (Tyshur)..... 4 4
Time, 2:19.3, 2:19.4, 2:19.5
Fifth race, 2:17 pace; purse, \$590;
Voltaire, b. r. (Beforest)..... 1 1
Prince, L. B. r. g. (Belvate)..... 2 2
Time Jim, s. g. (Cromwell)..... 4 3
Lady Ann, b. m. (Mason)..... 3 3
Time, 2:29.34, 2:16.12, 2:17.34
Sixth race, five-eighths-mile dash;
purse, \$150—Proclivity, first; Detect,
second, Graffia, third. Time, 5:07.3-5.3.
Seventh race, three-eighths-mile
dash; purse, \$150—Cowden, first; Elsie
Herndon, second; Earl of Richmond,
third. Hedonic also ran.
Eighth race, consolation, five-
eighths-mile dash; purse, \$150—Mask
and Faces, first; Carroll, second;
Friendless, third. Stellaway also ran.

The Richmond Academy and Fork Union Military Academy football teams will clash at Fork Union this afternoon. The Academy boys have an exceptionally good squad this season and made a good score against the Richmond College second squad. They are expected to win the game. The boys are not without to-day's game they will give the cadets a fight to the finish which will not be forgotten by that team for a good while.

The probable line-up is as follows:

Whitlock or King or Whittier, left end; Spencer, left tackle; George or Miller, left guard; D. Roden, centre; Parrish, right guard; Davis, right tackle; Justis, right end; Pitt (captain), quarter back; E. Roden, left half; Kyrk, right half; Owens, full back.

The Tigers will try to crack the Chestnut Hill bunch to-day at Byrd park. This will be the Tigers' first game, and they would stake their shoes that they will win, but the Chestnut Hill boys are strong, and will give them a hard fight. The game will start promptly at 3:30 o'clock, and will be a hard-fought one from start to finish. The Tigers' eleven will be picked from this squad: McGeorge, centre; Owen or O'Connell, guards; Dunn or Fowler or Lightner, line; tackle, Amos and Terrey; ends, Midget, quarterback, McFarland or Watson or West or Poh; halfbacks, De Shields, fullback.

[Special to The Times-Dispatch.]
Ashland, Va., October 3.—Tomorrow morning the Yellow Jackets leave Ashland for Washington, where they will play the first game of the season at eleven. This is the second game for the Ashlanders, and will be a hard one. The game last week with Virginia and the one to-morrow with Georgetown are the two preliminary games to the real schedule, which begins next Saturday. These teams are both out of Randolph-Mason's class, but they always give the Yellow Jackets a good game, and they expect to play better than they did against Georgetown.

Coach Reis has given the team some new plays this week, which he hopes will help them to win.

The Richmond Blues and the Invincibles will have a scrimmage game this afternoon.

The Tigers and Chestnut Hill boys will open the season with a game at Byrd Park this afternoon at 3:30 o'clock.

Old Battle Axe vs New Battle Axe, baseball. There should be some game at Broad Street Park this afternoon, starting at 4:30 o'clock.

If the Spalliers win from the Marylands, Medicos, Richmond will be happy, and if the Medicos win from the Tardoes, Richmond will be happier. But! if both should lose, how blue will Richmond feel?

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